

Linearization of pCYC#0, I0, AI0 and I2

		Concentration	Volume to pipette (to have 4,5 µg)	Enzyme volume	Buffer Volume	Water	Total Volume
	pCYC#0	247	18,21862348	1	3	7,781376518	30
	I0	399	11,27819549	1	2	5,721804511	20
	AI0	1023	4,398826979	1	1	3,601173021	10
	I2	402	11,19402985	1	2	5,805970149	20
	Enzyme: EAGI 37 degrees celsius for 15 minutes						
	Tubes for gel analysis						
	1	circular pCYC0					
	2	linearized pcyc0					
	3	circular I0					
	4	linearized I0					
	5	Circular AI0					
	6	Linearized AI0					
	7	Circular I2	Almost no DNA left (< 1ul) but same size as I0)				
	8	Linearized I2					
	Lanes for gel analysis						
	1	1 kb Ladder					
	2	circular pCYC0					
	3	linearized pcyc0					
	4	circular I0					
	5	linearized I0					
	6	Circular AI0					
	7	Linearized AI0					
	8	Circular I2					
	9	Linearized I2					